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**Abstract:**

An intelligent configuration system automatically logs a sample of a PBX Call Detail Recording (CDR) message. The sample CDR messages are sent via modem from a local call accounting system connected to the PBX to a central configuration server. The configuration server analyzes the sample CDR messages to determine the PBX type. The appropriate PBX interface file for the identified PBX type is transmitted back to the call accounting system and used by the accounting system to interpret and price CDR messages output from the PBX into call accounting and traffic analysis reports. Identification and location data is transmitted from the accounting system to the configuration server. The configuration server uses the data to automatically transmit and update rate tables used in the accounting system.